



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Handwritten: D. Lawrence
#66
11/3/00

In re application of:

JAMES L. WINKLER, et al.

Application No.: 09/498,554

Filed: February 4, 2000

For:

COMBINATORIAL STRATEGIES FOR
POLYMER SYNTHESIS

Examiner: Unknown

Art Unit: Unknown

SECOND PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In the claims:

Please add the following claims:

07/17/2000 SSESHE1 00000002 010431 09498554

01 FC:103
02 FC:102

324.00 CH
312.00 CH

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148. An assay plate for detecting the presence of a first predetermined type of oligonucleotide in a solution containing an unknown oligonucleotide, the assay plate comprising:
a fused silica substrate; and
a dried aliquot of a first known oligonucleotide, the dried aliquot covalently bonded to the fused silica substrate, the known oligonucleotide operative to bind said predetermined type of oligonucleotide upon contact with a solution containing such predetermined type of oligonucleotide.

149. The assay plate of claim 148 wherein said predetermined type of oligonucleotide comprises a nucleic acid and said known oligonucleotide comprises a nucleic acid.

150. The assay plate of claim 148 wherein said predetermined type of oligonucleotide and said known oligonucleotide comprise a complementary pair.